## STATE OF UTAH

|  |                          |                      |   |                        |  | T OF NATURAL RES<br>OF OIL, GAS AND M |   |   |   | AMENDE     | D REPORT |              |        |  |
|--|--------------------------|----------------------|---|------------------------|--|---------------------------------------|---|---|---|------------|----------|--------------|--------|--|
| APPLICATION FOR PERMIT TO DRILL  |                          |                      |   |                        |  |                                       |   |   | 1. WELL NAME and NUMBER<br>AURORA 3-12D-7-19                                      |            |          |              |        |  |
| 2. TYPE O  | F WORK                   | DRILL NEW WE         | LL 📵 RI   | ENTER P8               | A WELL DEEPEN  | I WELL                                | 3. FIELD OR WILDCAT MOFFAT CANAL                  |   |   |            |          |              |        |  |
| 4. TYPE OF WELL Oil Well Coalbed Methane Well: NO  |                          |                      |   |                        |  |                                       |   |   | 5. UNIT or COMMUNITIZATION AGREEMENT NAME   |            |          |              |        |  |
| 6. NAME OF OPERATOR BILL BARRETT CORP  |                          |                      |   |                        |  |                                       |   |   | 7. OPERATOR PHONE<br>303 312-8134   |            |          |              |        |  |
| 8. ADDRES  | SS OF OPERA              |                      | 099 18th Str  | et Ste 230             | 00, Denver, CO, 80202  |                                       | 9. OPERATOR E-MAIL tfallang@billbarrettcorp.com   |   |   |            |          |              |        |  |
|  | AL LEASE NU              | MBER                 |   |                        | 11. MINERAL OWNERSHIP  |                                       |   |   | 12. SURFACE OWNERSHIP   |            |          |              |        |  |
| (FEDERAL   | ., INDIAN, OR            | fee                  |   |                        | FEDERAL INDIAN STATE FEE   |                                       |   |   | FEDERAL INDIAN STATE FEE  |            |          |              |        |  |
| 13. NAME   | OF SURFACE               |                      | 14. SURFACE OWNER PHONE (if box 12 = 'fee')<br>801-388-1684 |                        |  |                                       |   |   |   |            |          |              |        |  |
| 15. ADDRI  | ESS OF SURF              |                      | 16. SURFACE OWNER E-MAIL (if box 12 = 'fee')                |                        |  |                                       |   |   |   |            |          |              |        |  |
| 17. INDIAN   | N ALLOTTEE (             | OR TRIBE NAME        |   |                        | 18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS  YES (Submit Commingling Application) NO |                                       |   |   | 19. SLANT  VERTICAL DIRECTIONAL HORIZONTAL  |            |          |              |        |  |
| (if box 12   | = 'INDIAN')              |                      |   |                        |  |                                       |   |   |   |            |          |              |        |  |
| 20. LOCATION OF WELL FG  |                          |                      |   |                        | OOTAGES  | QTR-QTR                               | SEC   | CTION   | TOWNSHIP  | SHIP RANGE |          | МЕ           | RIDIAN |  |
| LOCATION AT SURFACE 560 FN   |                          |                      |   |                        | L 1980 FWL   | NENW                                  |   | 12  | 7.0 S   | 19.0 E     |          |              | S      |  |
| Top of Uppermost Producing Zone 660 FN   |                          |                      |   |                        | L 1980 FWL   | NENW                                  | •   | 12  | 7.0 S   | 19.0 E     |          | S            |        |  |
| At Total Depth 660 FN  |                          |                      |   |                        | L 1980 FWL   | NENW                                  |   | 12  | 7.0 S   | 19.0 E     |          | S            |        |  |
| 21. COUNTY UINTAH  |                          |                      |   |                        | 22. DISTANCE TO NEAREST LEASE LINE (Feet) 660  |                                       |   |   | 23. NUMBER OF ACRES IN DRILLING UNIT<br>640                                       |            |          |              |        |  |
|  |                          |                      |   |                        | 25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1303                   |                                       |   |   | <b>26. PROPOSED DEPTH</b> MD: 8887 TVD: 8886                                      |            |          |              |        |  |
| 27. ELEVA  | ATION - GROU             | <b>ND LEVEL</b> 4856 |   |                        | 28. BOND NUMBER  LPM4138148  |                                       |   |   | 29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-1645 |            |          |              |        |  |
| Hole, Casing, and Cement Information   |                          |                      |   |                        |  |                                       |   |   |   |            |          |              |        |  |
| String   | Hole Size                | Casing Size          | Length  | Weigh                  | ot Grade & Thread  | d Max Mud Wt.                         |   |   | Cement  |            | Sacks    | Yield        | Weight |  |
| COND   | 26                       | 16                   | 0 - 80  | 65.0                   |  | 8.7                                   |   | No Used   |   |            | 0        | 0.0          | 0.0    |  |
| SURF   | 12.25                    | 8.625                | 0 - 1200  | 24.0                   | J-55 ST&C  | 8.7                                   |   | Halliburton Light , Type Unknown 170 Halliburton Premium , Type Unknown 270 |   |            |          | 3.16<br>1.36 | 11.0   |  |
| PROD   | 7.875                    | 5.5                  | 0 - 8887  | 17.0                   | I-80 LT&C  | 9.5                                   | IIIa  |   |   |            |          | 2.31         | 11.0   |  |
|  |                          |                      |   |                        |  |                                       | +   | Unknown 490 1.42  |   |            |          |              | 13.5   |  |
| ATTACHMENTS  |                          |                      |   |                        |  |                                       |   |   |   |            |          |              |        |  |
| VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES |                          |                      |   |                        |  |                                       |   |   |   |            |          |              |        |  |
| <b>₩</b> wi  | Y LICENSED               | SURVEYO              | <b>№</b> cow  | COMPLETE DRILLING PLAN |  |                                       |   |   |   |            |          |              |        |  |
| AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE                                       |                          |                      |   |                        |  | FOR                                   | FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER |   |   |            |          |              |        |  |
| <b>I</b> ✓ DIF   | RECTIONAL SU             | DIRECTIONA           | LLY OR HO   | DRIZONTALLY DRILLED    | р) горо  | TOPOGRAPHICAL MAP                     |   |   |   |            |          |              |        |  |
| NAME Bra   | ady Riley                |                      |   |                        | TITLE Permit Anal  | TITLE Permit Analyst PHONE            |   |   | 303 312-8115  |            |          |              |        |  |
| SIGNATU  | RE                       |                      |   |                        | DATE 06/18/2014 EMAIL  |                                       |   | EMAIL br  | briley@billbarrettcorp.com  |            |          |              |        |  |
|  | BER ASSIGNEI<br>04754528 |                      |   |                        | APPROVAL   |                                       |   |   | 200 cylll   |            |          |              |        |  |
|  |                          |                      |   |                        |  | Permit Manager                        |   |   |   |            |          |              |        |  |

